## FRIEDMAN & BRUYA, INC.

#### **ENVIRONMENTAL CHEMISTS**

Date of Report: May 12, 1995 Date Received: May 11, 1995

Project: #7238, Metro 24 Hr. (ACW), PO M41346

Date Samples Extracted: May 11, 1995

# RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR CHROMIUM, COPPER, NICKEL AND ZINC

Samples Processed Using Method 3005 Results Reported as mg/L (ppm)

Sample ID	Chromium	<u>Copper</u>	<u>Nickel</u>	Zinc 0.2 <0.05	
M41346 A Discharging	12	5.3	11		
M41346 B No Discharge	2.3	0.9	1.8		
Quality Assurance					
Blank	<0.05	<0.05	< 0.05	<0.05	
M41346 B No Discharge (Duplicate)	2.3	0.9	1.8	<0.05	
M41346 B No Discharge (Matrix Spike) % Recovery	101%	92%	98%	107%	
M41346 B No Discharge (Matrix Spike Duplicate) % Recovery	101%	89%	98%	107%	
Spike Blank % Recovery	113%	109%	113%	116%	
Spike Level	5	5	10	5	

FRIEDMAN & BRUYA, INC. 3012 16th Avenue West Seattle, WA 98119-2029 (206) 285-8282

# SAMPLE CHAIN OF CUSTODY

BTB AI 5-11-95 9:40am

Send Report To: Company ALASKA	N COPPER	WORKS		Contac	o Geral	d Thor	nscn	
Address 628 HM	NFORD				10844 MC1			
City, State, Zip SEA	TILE WA	98134			F 10-			
Phone # (206) 382	-8379			Date_	5/11/95			
SITE NO.		PROJECT NAME			PURCHASE ORDER #			
7238		metro 24 HR (ACW)			M41346			
SAMPLERS (signature) PROJECT LOCATION							TION	
Gandra Ki	ing					6th AUE		
REMARKS				<del>-</del>		DISPOSAL INF		
					Re	spose after 30 d turn Samples Il for Instruction	3	
Sample #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample	#	Analys Request		
m41346 A	7:10 5/11/95		1	5898			ZN	
015Garaina	]		,					
M 41346 B	7:10 5/1/95	- Hzo	1	5898	5 n	CUNI	ZN	
NO DISCHARGE								
10000000								
The property and the state of t								
						3		
							···	
SIGNATURE		PRINT NAME		COMPAN	lΥ	Date	Time	
Relinquished by: Janaha Kung	, 5 AM	JORA KING	AL	ASKAN CO	PPER	5/11/95	9:05 Am	
Received by Wing		ha P. Wrig		+B IN		5/11/95	9:25am	
Reinquished by:						1		
Received by:		8			1 × 1 2 × 1			
	1							

FORMS/COC

09/19/94

### FRIEDMAN & BRUYA, INC.

#### **ENVIRONMENTAL CHEMISTS**

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3012 16th Avenue West Seattle, WA 98119-2029 FAX: (206) 283-5044

May 12, 1995

Gerald Thompson, Project Leader Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on May 11, 1995 from your project #7238, Metro 24 Hr. (ACW), PO M41346.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Bradley T. Benson

Chemist

jdp

**Enclosures** 

ACU0512R

## FRIEDMAN & BRUYA, INC.

#### **ENVIRONMENTAL CHEMISTS**

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282

#### **DUPLICATE COPY**

3012 16th Avenue West Seattle, WA 98119-2029 FAX: (206) 283-5044

May 12, 1995

#### **INVOICE # 95ACU0512-2**

Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project #7238, Metro 24 Hr. (ACW), PO M41346: Results of testing requested by Gerald Thompson, Project Leader for material submitted on May 11, 1995.

2 water samples analyzed for Chromium, Copper,
Nickel and Zinc @ \$65 per sample

\$ 130.00